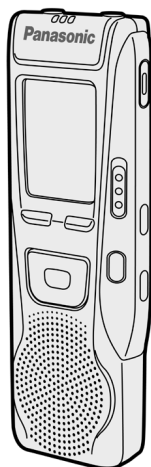


Service Manual

IC Recorder



RR-US395PC
RR-QR180P
RR-QR180PC
RR-QR170P

Colour

S.....Silver Type (RR-US395/RR-QR180)

W.....White Type (RR-QR170)

Specification

Power output:	300mW (max.)	without batteries;	[RR-US395]
Frequency response:	240Hz - 5,100Hz (HQ mode) 230Hz - 3,400Hz (FQ/SP mode)		About 39g (1.4oz.) [RR-QR180/QR170] About 38g (1.35oz.)
S/N:	36dB(HQ mode)	Operational temperature range:	0°C-40°C (32°F-104°F)
Jack:		Battery life:	
Output jack;	Earphone, 3.5mm(1/8in.), 0.5mW 16Ω	[When used at 25°C(77°F) on a flat, stable surface]	
Input jack;	Mic, 3.5mm(1/8in.), 0.56mV plug in power	Panasonic alkaline batteries;	
Speaker:	28mm(1-3/32in.) 8Ω	Playback;	About 9 hours 30 minutes (HQ mode)
Power requirement:	DC 3V 2 AAA size (LR03, AM-4) batteries	[RR-US395]	About 11 hours 30 minutes (FQ/SP mode)
Dimensions (W×H×D):		Recording;	About 14 hours 30 minutes (HQ mode)
Max dimensions;	[RR-US395] 35.0×100.2×24.0mm (1-3/8×3-15/16×15/16in.) [RR-QR180/QR170] 35.0×99.6×24.0mm (1-3/8×3-29/32×15/16in.)	[RR-US395]	About 19 hours 30 minutes (FQ/SP mode)
Cabinet dimensions;	32.8×99.3×22.5mm (1-9/32×3-29/32×7/8in.)	Playback;	About 10 hours (HQ mode)
Mass:		[RR-QR180/QR170]	About 12 hours (FQ/SP mode)
with batteries;	[RR-US395] About 62g (2.2oz.) [RR-QR180/QR170] About 61g (2.16oz.)	Recording;	About 15 hours (HQ mode)
		[RR-QR180/QR170]	About 20 hours (FQ/SP mode)

*The battery life may be less depending on the operating conditions.

Note:

Specifications are subject to change without notice.

Mass and dimensions are approximate.



WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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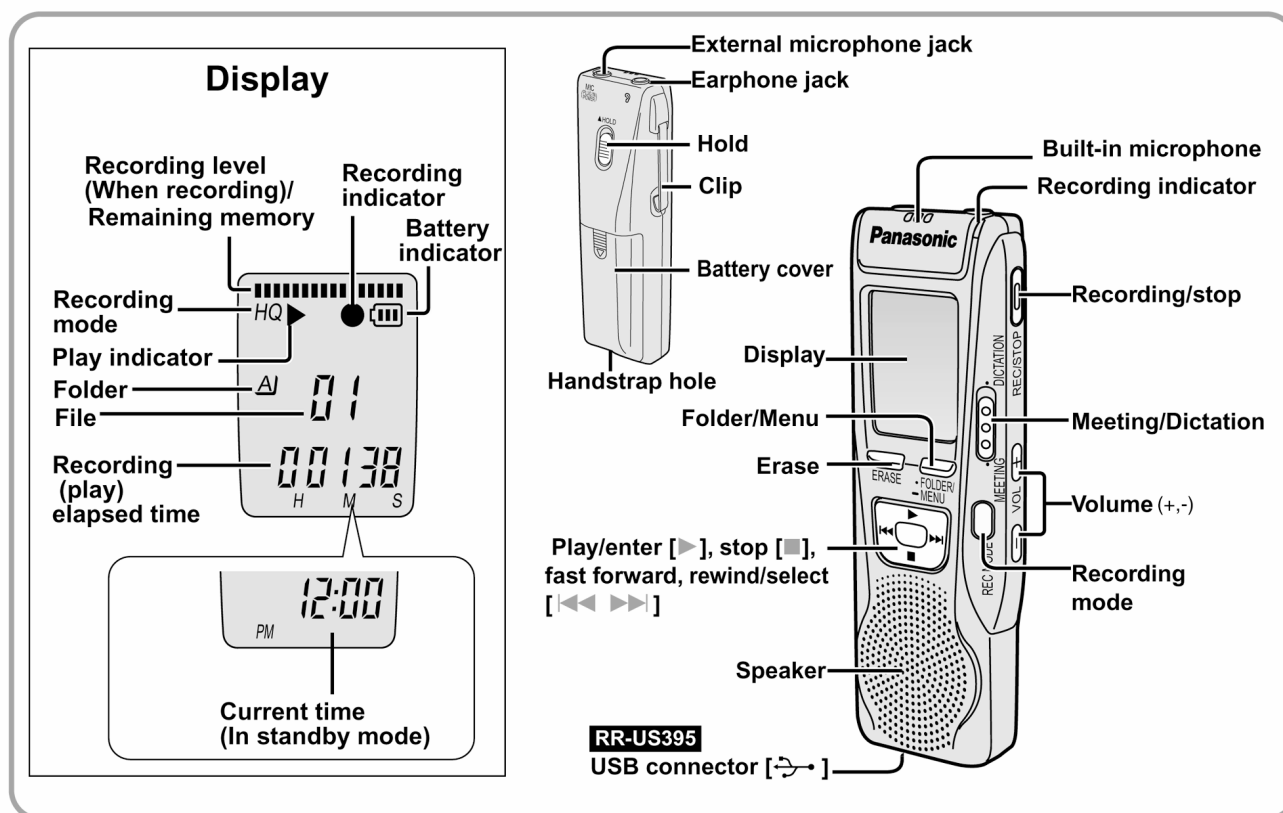
1 Accessories

RR-US395

• USB cable (K2KZ4CB00010).....1pc.

• CD-ROM
(Voice Editing Ver.1.0 Premium Edition).....1pc.

2 Control Guide



3 Replacement Parts List

Note:

- All parts are supplied by **SPC**.
- Supply of CD-ROM, in accordance with license protection, is allowable as replacement parts only for customers who accidentally damaged or lost their own.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
A1	RQT8525-P	O/I BOOK	1	(RR-QR170P) English
A1	RQT8526-P	O/I BOOK	1	(RR-QR180P/PC) English
A1	RQT8531-P	O/I BOOK	1	(RR-US395PC) English
A2	RQT8527-C	O/I BOOK	1	(RR-US395PC/QR180PC) Canadian/French
A3	K2KZ4CB00010	USB CABLE	1	(RR-US395PC)
A4	RFE0183-S	CD-R, VOICE EDITING #1	1	(RR-US395PC) SEE "NOTES"
A5	RFE0184-S	CD-R, VOICE EDITING #2	1	(RR-US395PC) SEE "NOTES"

4 Schematic Diagram

4.1. Schematic Diagram Notes

(This schematic diagram may be modified at any time with development of new technology.)

- S1 : Stop switch (■).
- S2 : Playback switch (►).
- S3 : Fast forward switch (►►).
- S4 : Rewind switch(◀◀).
- S5 : Folder, Menu switch (•FOLDER / ■ MENU).
- S6 : Recording mode switch (REC MODE).
- S7 : Erase switch (ERASE).
- S8 : Recording/Stop switch (REC/STOP).
- S9 : Volume (+) switch.
- S10 : Volume (-) switch.
- S13 : Hold switch (HOLD) in “OFF” position.
- S14: Batt. cover open det. switch.
- S18: Meeting/Dictation select switch (MEETING/DICTATION) in “MEETING” position.
- Important safety notice

Components identified by ⚠ ; mark have special characteristics important for safety.

When replacing any of components, use only manufacturer's specified parts.



